

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims**

Claims 1-16 (Canceled).

Claim 17 (Currently Amended): A ceramic heater, comprising:

a ceramic substrate comprising one of a carbide ceramic and a nitride ceramic, and  
having a thickness of less than or equal to 25 mm; and  
at least one resistance heating element area including a resistance heating element  
formed on a first surface of the ceramic substrate, a heating face of the ceramic substrate  
being on a second surface of the ceramic substrate that is opposite to the first surface,  
wherein an outermost circumference of the at least one resistance heating element  
area is within 35 mm from an outside edge of the ceramic substrate.

Claim 18 (Previously Presented): The ceramic heater according to claim 17, wherein  
the ceramic substrate comprises a disc shape.

Claim 19 (Cancelled).

Claim 20 (Previously Presented): The ceramic heater according to claim 17, wherein  
a diameter of the ceramic substrate is greater than 150 mm.

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Claim 21 (Previously Presented): The ceramic heater according to claim 17, wherein the resistance heating element comprises one of a concentric pattern, a spiral pattern and a winding pattern.